



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov



CONFIRMATION NO. 6817

Bib Data Sheet

SERIAL NUMBER 10/706,335	FILING DATE 11/12/2003 RULE	CLASS 333	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. 9281-4707
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Kinshiro Takadate, Niigata-ken, JAPAN;

Hitoshi Onishi, Niigata-ken, JAPAN;

** CONTINUING DATA *****

SS None

** FOREIGN APPLICATIONS *****

JAPAN 2002-334999 11/19/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 02/09/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Met after Allowance	STATE OR COUNTRY JAPAN	SHEETS DRAWING 14	TOTAL CLAIMS 6	INDEPENDENT CLAIMS 1
Verified and Acknowledged Examiner's Signature <i>SJ</i>	Initials				

ADDRESS

Brinks Hofer Gilson & Lione
P.O. Box 10395
Chicago, IL
60610

TITLE

Non-reciprocal circuit element with reduced shift of center frequency of insertion loss with change in temperature and communication device

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
RECEIVED 770		